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• Imai, Takeshi  
Aki-gun, Hiroshima 730-8670 (JP)  
• Shimizu, Ryou  
Aki-gun, Hiroshima 730-8670 (JP)  
• Shouji, Masatoshi  
Aki-gun, Hiroshima 730-8670 (JP)

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(71) Applicant:  
Mazda Motor Corporation  
Aki-gun, Hiroshima 730-8670 (JP)

(74) Representative:  
Müller-Boré & Partner  
Patentanwälte  
Grafinger Strasse 2  
81671 München (DE)

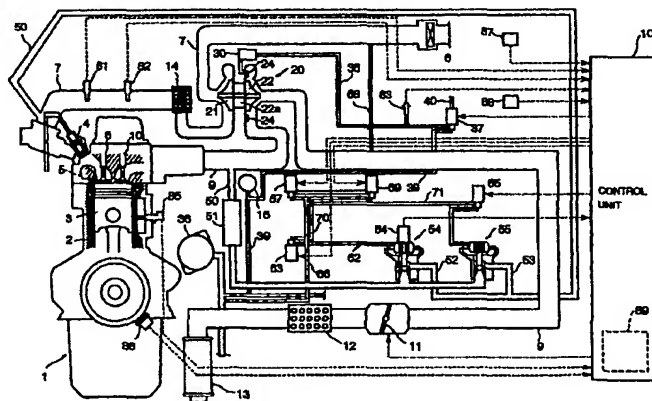
(72) Inventors:  
• Matsue, Kouta  
Aki-gun, Hiroshima 730-8670 (JP)

### (54) Control system for supercharged engine

(57) A supercharged engine control system has a control unit (100) which establishes a target supercharging pressure according to engine operating conditions including an engine speed that is detected by a speed sensor (86) and an engine load that is detected as accelerator travel by an accelerator position sensor (87) and controls a supercharging pressure to reach the target supercharging pressure by feedback controlling a nozzle area of a variable nozzle (24) of the variable geometry supercharger (20) so as to cancel a pressure difference between the practical supercharging pres-

sure generated in an intake air passage that is detected by a pressure sensor (81) and the target supercharging pressure. The feedback control of supercharging pressure is restrained during a change from an operating condition of lower engine loads to an operating condition of higher engine loads so as thereby to prevent the supercharger (20) from overspeeding due to an increase in the pressure difference in excess at the beginning the change in operating condition.

FIG. 1



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